

Algorithm Spring made by Jurijus Pacalovas compression by calculus and reverse: Size of file should bigger than 1970 bytes before when want you to compress. if  $\text{lenf1} < 2000$ :

Size is blocked 1970 bytes.  $\text{bnk} = \text{bnk} * 255$   $\text{ghjd} = \text{ghj} * \text{bnk}$   $\text{cvz} = \text{cvz} + \text{ghdj}$

$\text{bnk} = \text{bnk} * 256$   $\text{ghjd} = \text{ghj} * \text{bnk}$   $\text{cvz} = \text{cvz} + \text{ghdj}$

make smaller than when  $\text{lenfg} > 0$ : bits and save size 14311 bits when  $\text{lenfg} == 0$ : save size 14320. When size 14320 bits take **0000...111...'0X or 111...0X move to the end 0000...111...0** or **111...0** and change last one to 0. make them together from right to left. Count this size and save it in bytes than the count of this long and again of this long that should be 1 byte. When sizing 14310 bits save as 1111...0 and size will become 14311 bits change last 1 to 0.

Left 0x and 1111....0x

Save how many times was compressed by one byte.

check if  $\text{lenfg} == 0$ : or if  $\text{lenfg} > 0$ :  $\text{lenfg}$  mean when the size of data does not exist information on the block and save information about the first information not exist and change 255 to information not exist. if  $\text{lenf1} \leq \text{sssssw}$  or  $\text{sssssw} \leq 2000$  or  $\text{qqqwz} == 255$ : check the size of the file and check 255 and save this file.